

Please replace the following claims as rewritten below:

R1

1. (Amended) A power supply circuit, the circuit comprising:
an active power factor correction circuit, the active power
factor correction circuit having a controller; and
an inrush current control circuit, the inrush control
circuit comprising at least one switch having a control
element coupled to the controller.

2. (Amended) A power supply circuit as in claim 1 wherein the
switch comprises an IGBT.

11. (Amended) A method as in claim 9 wherein the step of
generating the power factor control signal further
comprises the steps of:

R2

charging at least one power capacitor to a predetermined
voltage level; and

enabling at least one integrated circuit associated with
the at least one capacitor.

13. (Amended) A method as in claim 11 wherein the step of
enabling further comprises the steps of:

R3

determining an input current;

comparing the input current with a predetermined current
level; and